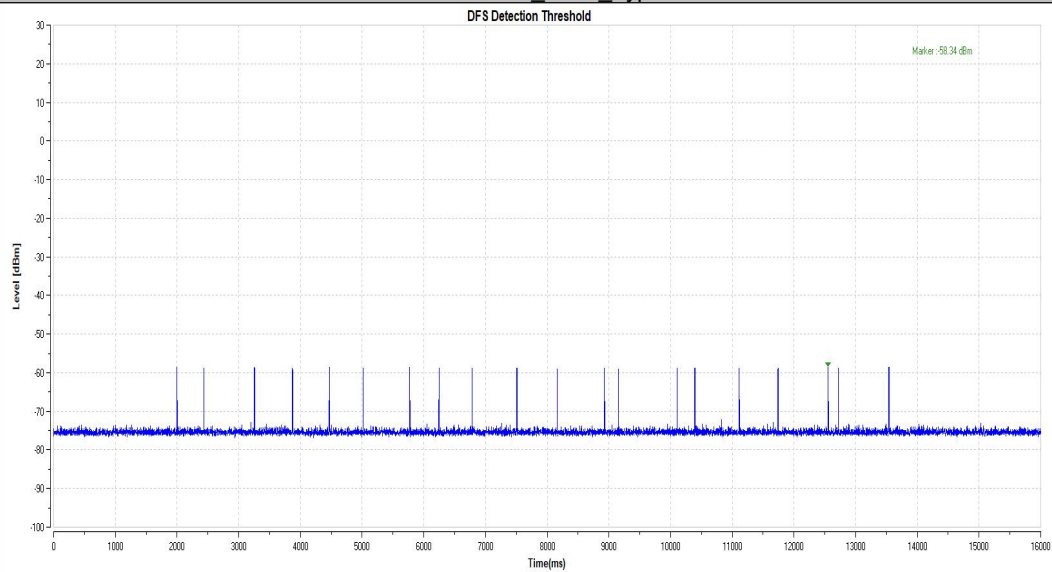
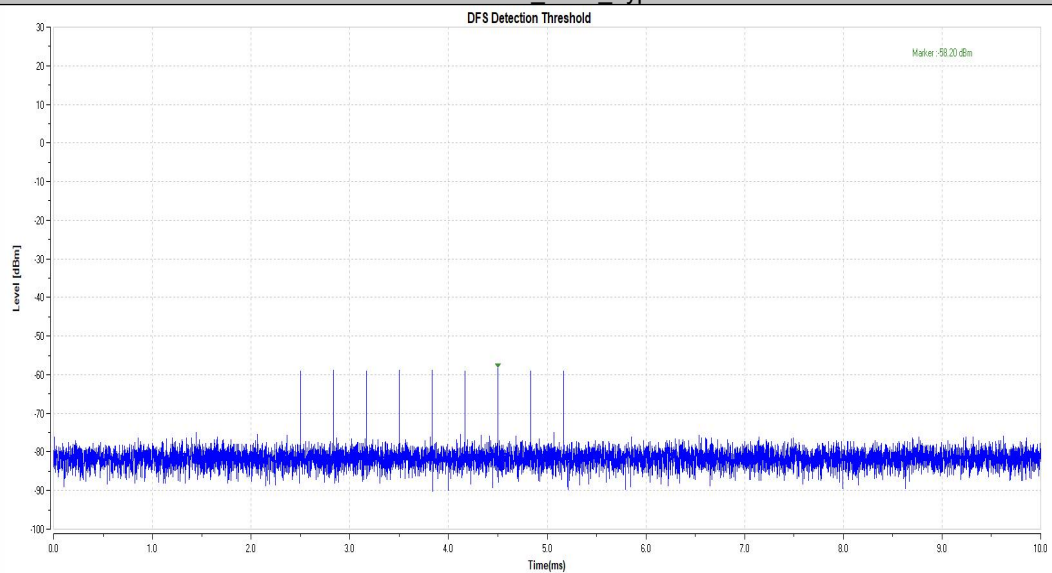


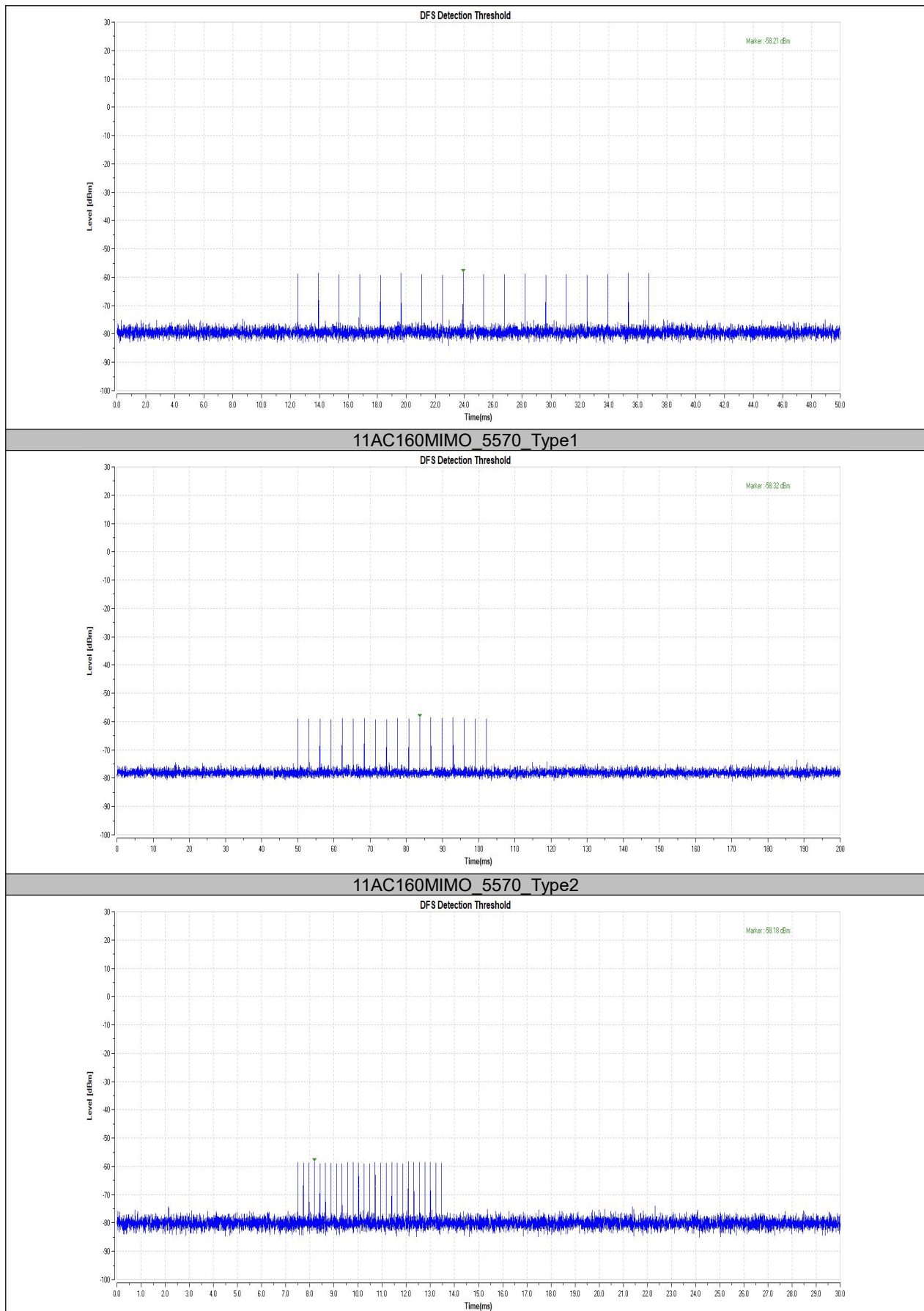
11AC80MIMO_5530_Type5



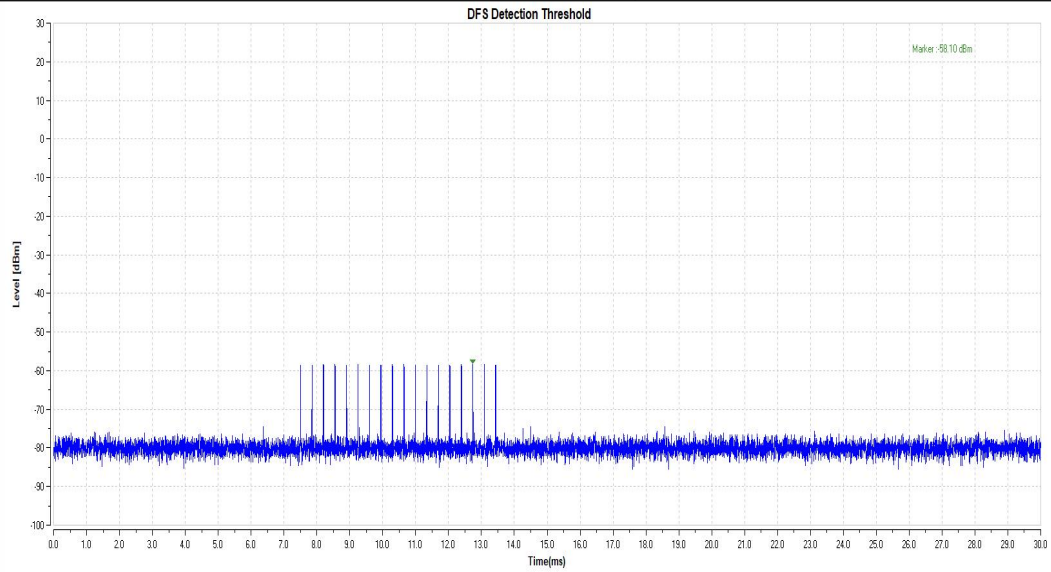
11AC80MIMO_5530_Type6



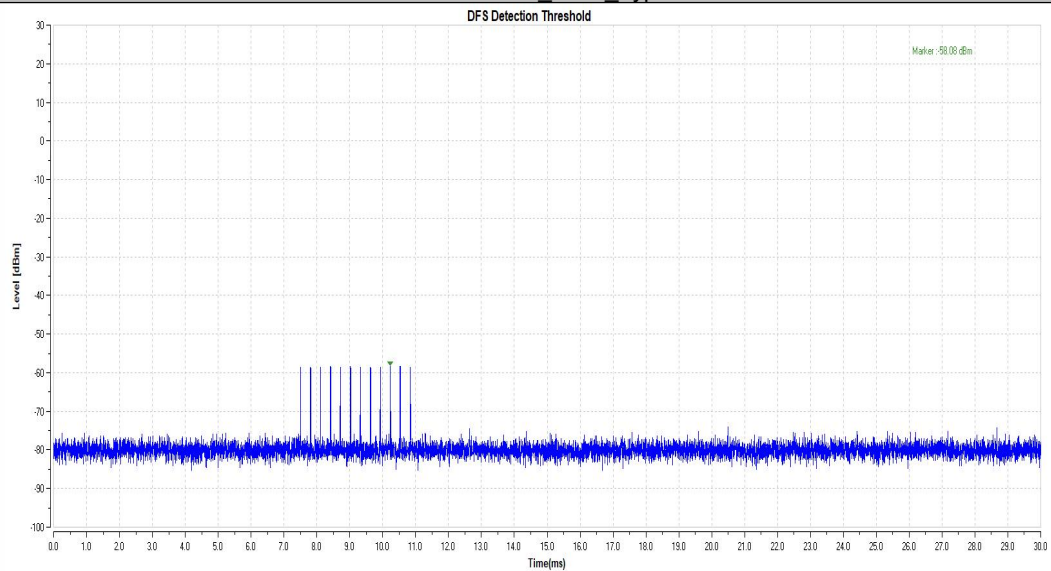
11AC160MIMO_5570_Type0



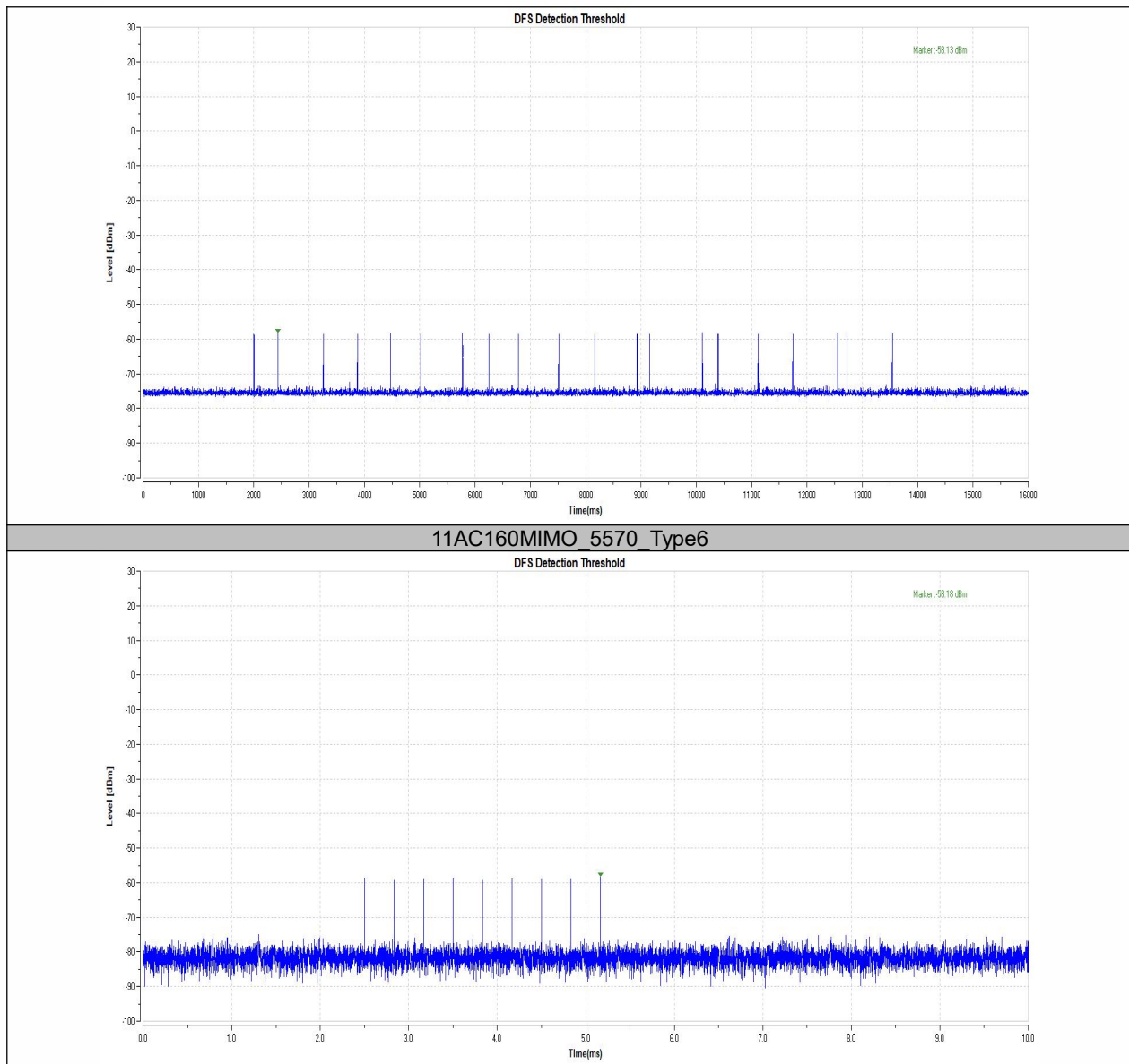
11AC160MIMO_5570_Type3



11AC160MIMO_5570_Type4



11AC160MIMO_5570_Type5



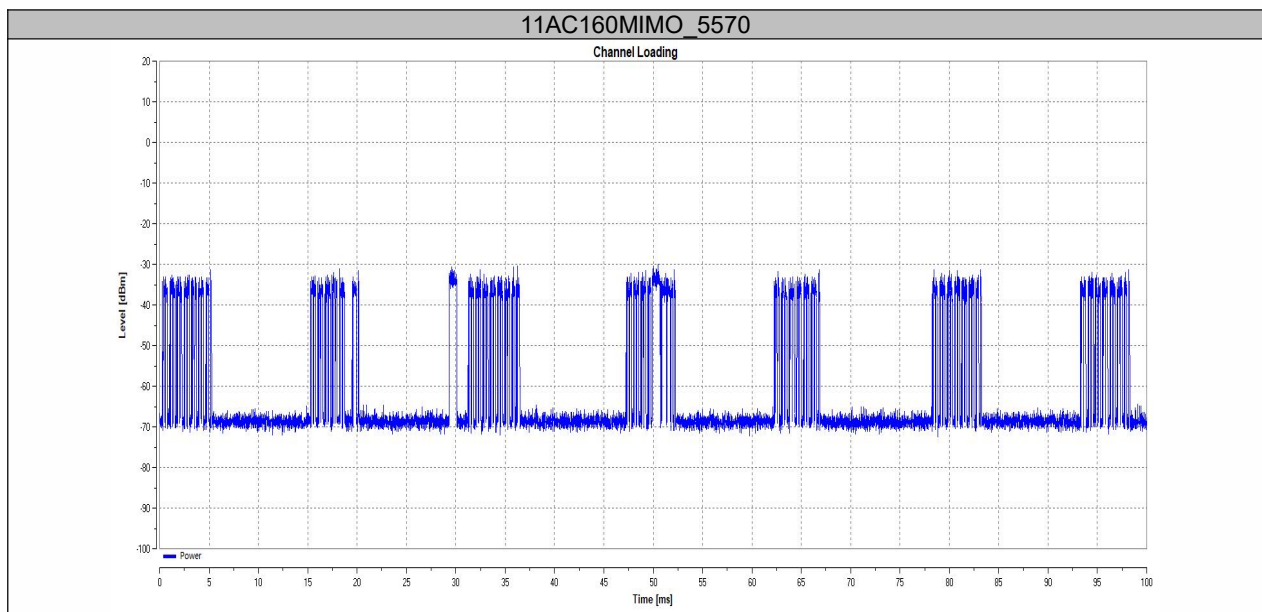
7.2 CHANNEL AVAILABILITY CHECK TIME

Temperature : 25℃ ATM Pressure:: 1011 mbar
Humidity : 60 % Test Engineer: XXH

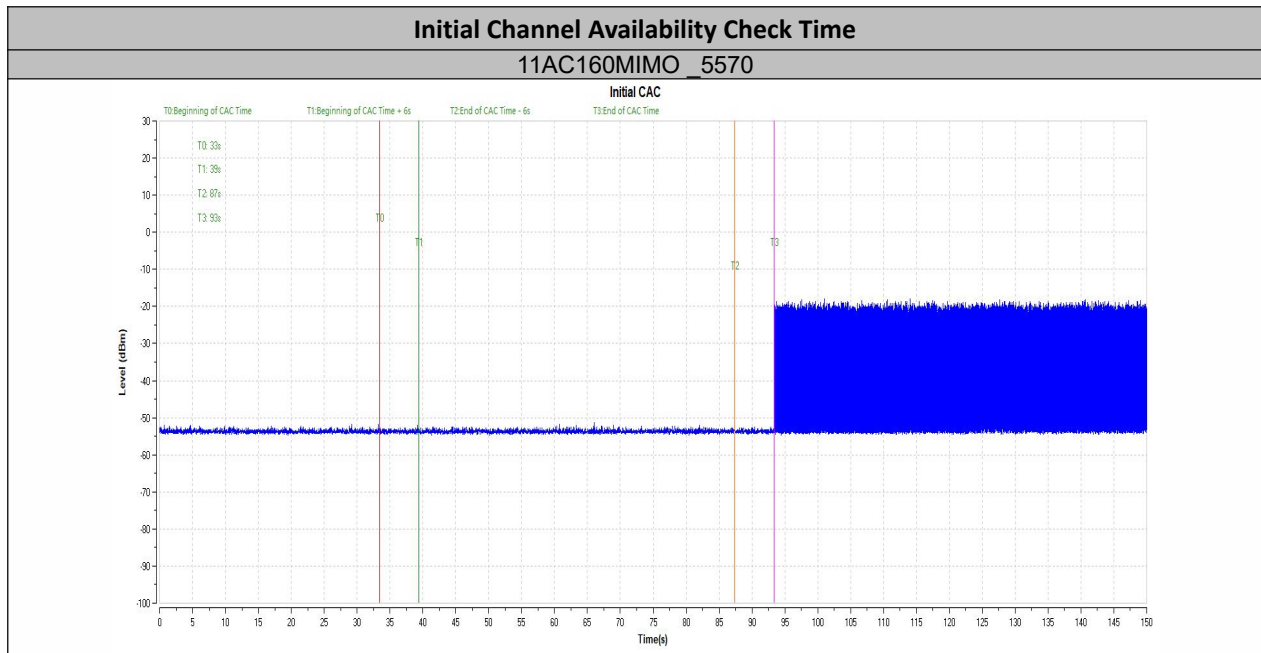
If the UUT successfully detected the radar burst, it should be observed as the UUT has no transmissions occurred until the UUT starts transmitting on another channel.

Channel Loading

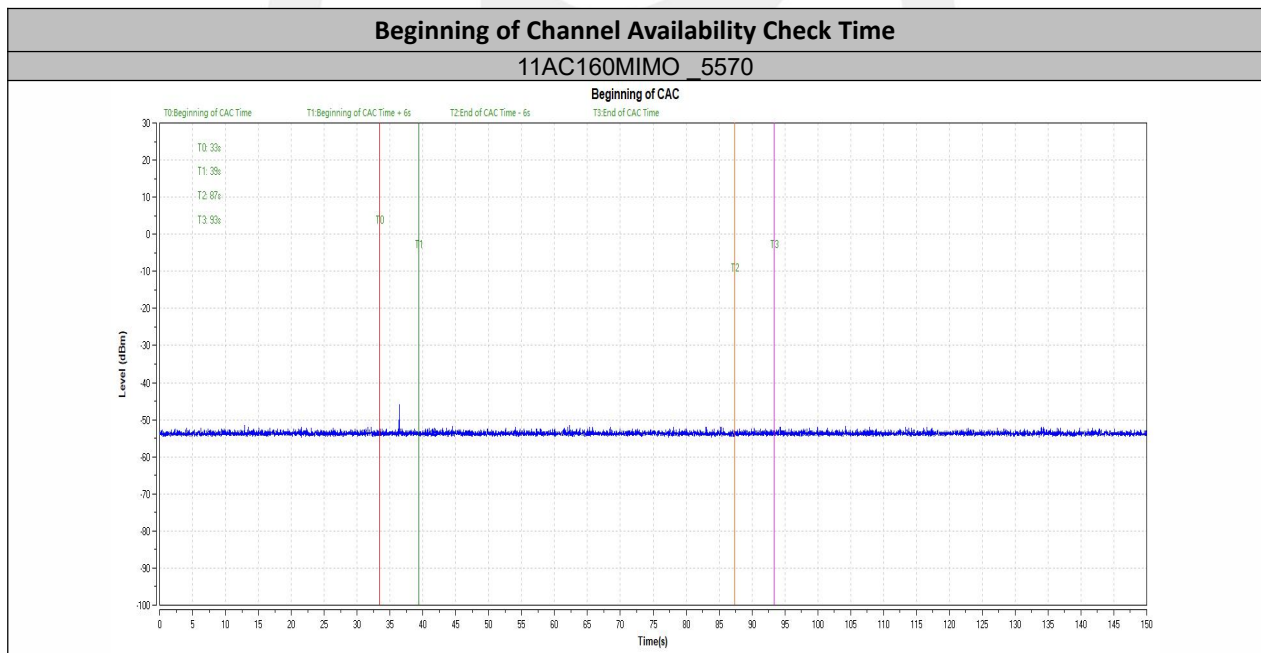
TestMode	Frequency[MHz]	Result	Limit [%]	Verdict
11AC160MIMO	5570	21.55	17	PASS



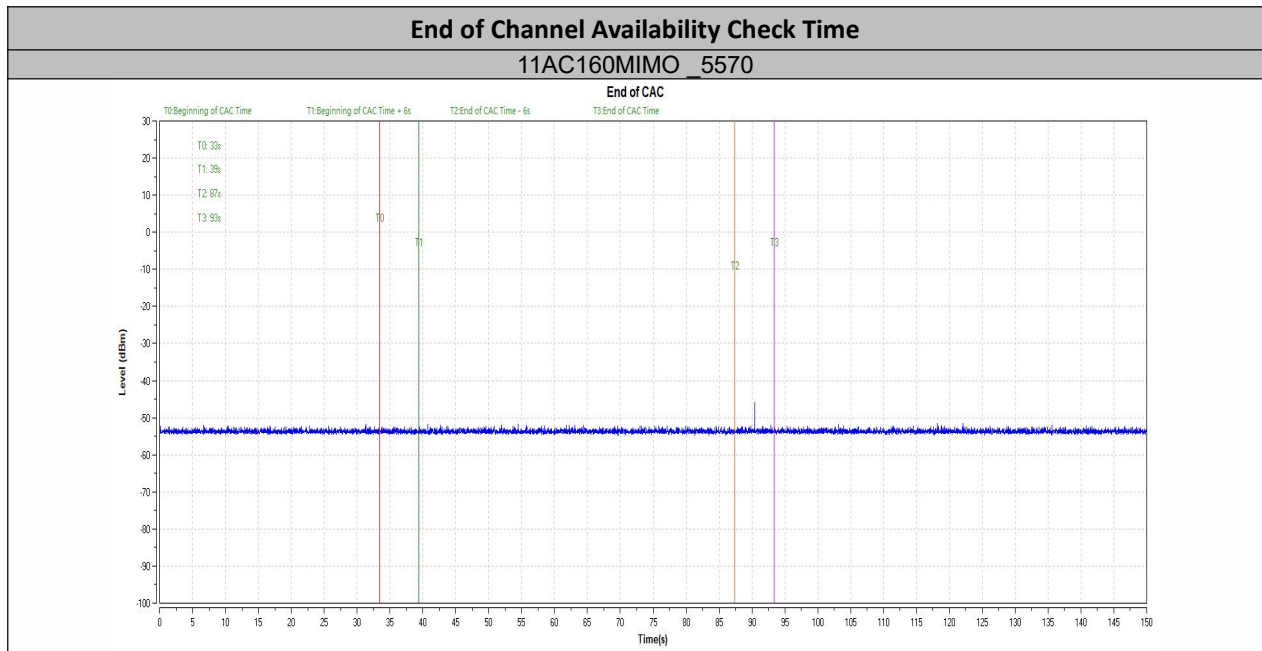
Initial Channel Availability Check Time



Beginning of Channel Availability Check Time

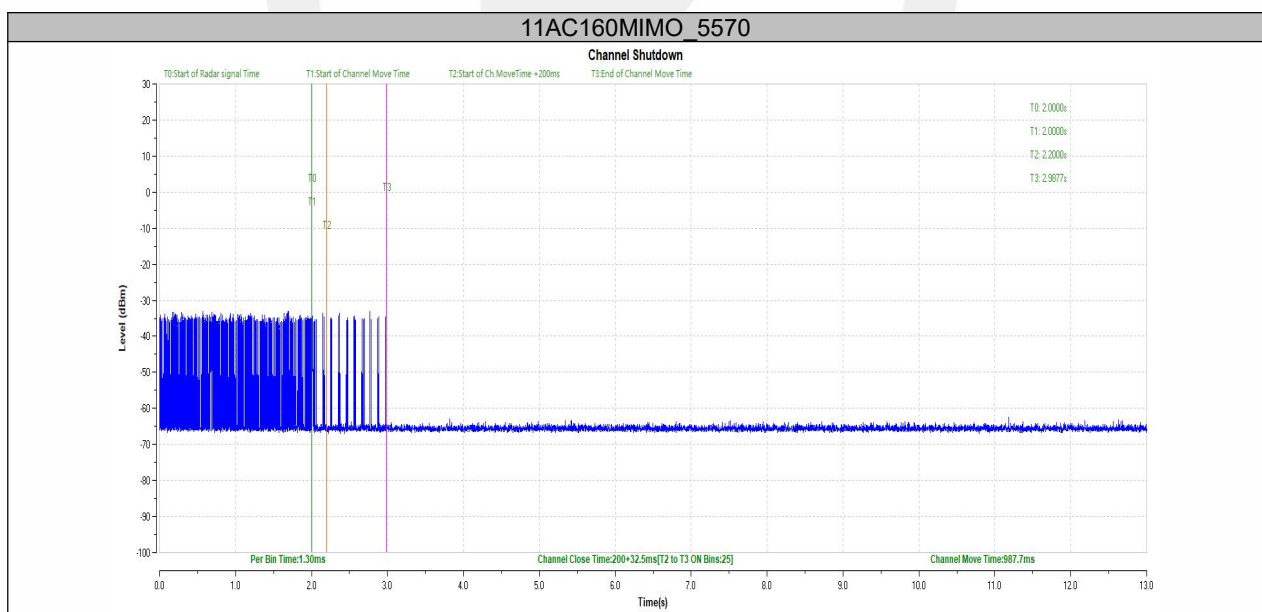


End of Channel Availability Check Time



Channel Move Time and Channel Closing

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC160MIMO	5570	200+32.5	200+60	987.7	10000	PASS



Statistical Performance check

TestMode	Frequency[MHz]	Radar Type	Pass Times	Fail Times	Probability (%)	Limit (%)	Verdict
11A	5260	Type1	29	1	96.67	60	PASS
		Type2	28	2	93.33	60	PASS
		Type3	29	1	96.67	60	PASS
		Type4	28	2	93.33	60	PASS
		Type 1-4	---	---	95.00	80	PASS
	5500	Type1	29	1	96.67	60	PASS
		Type2	29	1	96.67	60	PASS
		Type3	29	1	96.67	60	PASS
		Type4	28	2	93.33	60	PASS
		Type 1-4	---	---	95.84	80	PASS
11N40MIMO	5270	Type1	28	2	93.33	60	PASS
		Type2	28	2	93.33	60	PASS
		Type3	29	1	96.67	60	PASS
		Type4	30	0	100.00	60	PASS
		Type 1-4	---	---	94.44	80	PASS
	5510	Type1	29	1	96.67	60	PASS
		Type2	28	2	93.33	60	PASS
		Type3	28	2	93.33	60	PASS
		Type4	28	2	93.33	60	PASS
		Type 1-4	---	---	94.17	80	PASS
11AC80MIMO	5290	Type1	29	1	96.67	60	PASS
		Type2	28	2	93.33	60	PASS
		Type3	28	2	93.33	60	PASS
		Type4	29	1	96.67	60	PASS
		Type 1-4	---	---	95.00	80	PASS
		Type5	28	2	93.33	70	PASS
		Type6	28	2	94.17	80	PASS
11AC160MIMO	5570	Type1	29	1	96.67	60	PASS
		Type2	28	2	93.33	60	PASS
		Type3	28	2	93.33	60	PASS
		Type4	29	1	96.67	60	PASS
		Type 1-4	---	---	95.00	80	PASS
		Type5	27	3	90.00	70	PASS
		Type6	28	2	93.33	80	PASS

TestMode	Frequency[MHz]	Radar Type	Trial ID	Detection (1: Yes; 0: No)
11A	5260	Type1	0	1
		Type1	1	1
		Type1	2	1
		Type1	3	1
		Type1	4	1
		Type1	5	1
		Type1	6	1
		Type1	7	1
		Type1	8	0
		Type1	9	1
		Type1	10	1
		Type1	11	1
		Type1	12	1
		Type1	13	1
		Type1	14	1
		Type1	15	1
		Type1	16	1
		Type1	17	1
		Type1	18	1
		Type1	19	1
		Type1	20	1
		Type1	21	1
		Type1	22	1
		Type1	23	1
		Type1	24	1
		Type1	25	1
		Type1	26	1
		Type1	27	1
		Type1	28	1
		Type1	29	1
		Type2	0	1
		Type2	1	1
		Type2	2	1
		Type2	3	1
		Type2	4	1
		Type2	5	1
		Type2	6	0
		Type2	7	1
		Type2	8	1
		Type2	9	1
		Type2	10	1
		Type2	11	1
		Type2	12	1
		Type2	13	1
		Type2	14	1
		Type2	15	1
		Type2	16	1
		Type2	17	1
		Type2	18	1
		Type2	19	1
		Type2	20	1
		Type2	21	1
		Type2	22	1

	Type2	23	1
	Type2	24	1
	Type2	25	1
	Type2	26	0
	Type2	27	1
	Type2	28	1
	Type2	29	1
	Type3	0	1
	Type3	1	1
	Type3	2	1
	Type3	3	1
	Type3	4	1
	Type3	5	1
	Type3	6	1
	Type3	7	1
	Type3	8	1
	Type3	9	1
	Type3	10	1
	Type3	11	1
	Type3	12	0
	Type3	13	1
	Type3	14	1
	Type3	15	1
	Type3	16	1
	Type3	17	1
	Type3	18	1
	Type3	19	1
	Type3	20	1
	Type3	21	1
	Type3	22	1
	Type3	23	1
	Type3	24	1
	Type3	25	1
	Type3	26	1
	Type3	27	1
	Type3	28	1
	Type3	29	1
	Type4	0	1
	Type4	1	1
	Type4	2	1
	Type4	3	1
	Type4	4	1
	Type4	5	1
	Type4	6	1
	Type4	7	1
	Type4	8	1
	Type4	9	0
	Type4	10	1
	Type4	11	1
	Type4	12	1
	Type4	13	0
	Type4	14	1
	Type4	15	1
	Type4	16	1
	Type4	17	1
	Type4	18	1

5500	Type4	19	1
		20	1
		21	1
		22	1
		23	1
		24	1
		25	1
		26	1
		27	1
		28	1
		29	1
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		1	1
		2	1
		3	1
		4	1
		5	1
		6	1
		7	1
		8	1
		9	0
		10	1
		11	1
		12	1
		13	1
		14	1
		15	1
		16	1
		17	1
		18	1
		19	1
		20	1
		21	1
		22	1
		23	1
		24	1
		25	1
		26	1
		27	1
		28	1
		29	1
	Type2	0	1
		1	1
		2	1
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		5	1
		6	1
		7	1
		8	1
		9	1
		10	1
		11	1
		12	1
		13	1
		14	1

	Type2	15	1
	Type2	16	0
	Type2	17	1
	Type2	18	1
	Type2	19	1
	Type2	20	1
	Type2	21	1
	Type2	22	1
	Type2	23	1
	Type2	24	1
	Type2	25	1
	Type2	26	1
	Type2	27	1
	Type2	28	1
	Type2	29	1
	Type3	0	1
	Type3	1	1
	Type3	2	1
	Type3	3	1
	Type3	4	1
	Type3	5	1
	Type3	6	0
	Type3	7	1
	Type3	8	1
	Type3	9	1
	Type3	10	1
	Type3	11	1
	Type3	12	1
	Type3	13	1
	Type3	14	1
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	Type3	16	1
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	Type3	19	1
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	Type3	22	1
	Type3	23	1
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	Type3	25	1
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	Type3	28	1
	Type3	29	1
	Type4	0	1
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	Type4	2	1
	Type4	3	1
	Type4	4	1
	Type4	5	1
	Type4	6	1
	Type4	7	1
	Type4	8	0
	Type4	9	1
	Type4	10	1

		Type4	11	1
		Type4	12	1
		Type4	13	1
		Type4	14	1
		Type4	15	0
		Type4	16	1
		Type4	17	1
		Type4	18	1
		Type4	19	1
		Type4	20	1
		Type4	21	1
		Type4	22	1
		Type4	23	1
		Type4	24	1
		Type4	25	1
		Type4	26	1
		Type4	27	1
		Type4	28	1
		Type4	29	1
11N40MIMO	5270	Type1	0	1
		Type1	1	1
		Type1	2	1
		Type1	3	1
		Type1	4	1
		Type1	5	1
		Type1	6	0
		Type1	7	1
		Type1	8	1
		Type1	9	1
		Type1	10	1
		Type1	11	1
		Type1	12	1
		Type1	13	1
		Type1	14	1
		Type1	15	1
		Type1	16	1
		Type1	17	1
		Type1	18	1
		Type1	19	1
		Type1	20	1
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		Type1	25	1
		Type1	26	1
		Type1	27	1
		Type1	28	1
		Type1	29	1
		Type2	0	1
		Type2	1	1
		Type2	2	1
		Type2	3	1
		Type2	4	1
		Type2	5	1
		Type2	6	1

	Type2	7	1
	Type2	8	0
	Type2	9	1
	Type2	10	1
	Type2	11	1
	Type2	12	1
	Type2	13	1
	Type2	14	1
	Type2	15	1
	Type2	16	1
	Type2	17	1
	Type2	18	1
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	Type2	20	1
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	Type2	22	1
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	Type2	25	1
	Type2	26	1
	Type2	27	1
	Type2	28	1
	Type2	29	1
	Type3	0	1
	Type3	1	1
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	Type3	3	1
	Type3	4	1
	Type3	5	1
	Type3	6	1
	Type3	7	1
	Type3	8	1
	Type3	9	0
	Type3	10	1
	Type3	11	1
	Type3	12	1
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	Type3	14	1
	Type3	15	1
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	Type3	17	1
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	Type3	25	1
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	Type4	1	1
	Type4	2	1

		Type4	3	1
		Type4	4	1
		Type4	5	1
		Type4	6	1
		Type4	7	1
		Type4	8	1
		Type4	9	1
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		Type4	25	1
		Type4	26	1
		Type4	27	1
		Type4	28	1
		Type4	29	1
5510		Type1	0	1
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		Type1	2	1
		Type1	3	1
		Type1	4	1
		Type1	5	1
		Type1	6	0
		Type1	7	1
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		Type1	10	1
		Type1	11	1
		Type1	12	1
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		Type1	23	1
		Type1	24	1
		Type1	25	1
		Type1	26	1
		Type1	27	1
		Type1	28	1

	Type1	29	1
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	Type2	1	1
	Type2	2	1
	Type2	3	1
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	Type2	5	1
	Type2	6	1
	Type2	7	0
	Type2	8	1
	Type2	9	1
	Type2	10	1
	Type2	11	1
	Type2	12	1
	Type2	13	1
	Type2	14	1
	Type2	15	1
	Type2	16	0
	Type2	17	1
	Type2	18	1
	Type2	19	1
	Type2	20	1
	Type2	21	1
	Type2	22	1
	Type2	23	1
	Type2	24	1
	Type2	25	1
	Type2	26	1
	Type2	27	1
	Type2	28	1
	Type2	29	1
	Type3	0	1
	Type3	1	1
	Type3	2	1
	Type3	3	1
	Type3	4	0
	Type3	5	1
	Type3	6	1
	Type3	7	1
	Type3	8	1
	Type3	9	1
	Type3	10	1
	Type3	11	1
	Type3	12	1
	Type3	13	0
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	Type3	18	1
	Type3	19	1
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		Type3	25	1
		Type3	26	1
		Type3	27	1
		Type3	28	1
		Type3	29	1
		Type4	0	1
		Type4	1	1
		Type4	2	1
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		Type4	5	1
		Type4	6	1
		Type4	7	1
		Type4	8	1
		Type4	9	1
		Type4	10	0
		Type4	11	1
		Type4	12	1
		Type4	13	1
		Type4	14	1
		Type4	15	1
		Type4	16	1
		Type4	17	1
		Type4	18	1
		Type4	19	1
		Type4	20	1
		Type4	21	1
		Type4	22	1
		Type4	23	0
		Type4	24	1
		Type4	25	1
		Type4	26	1
		Type4	27	1
		Type4	28	1
		Type4	29	1
11AC80MIMO	5290	Type1	0	1
		Type1	1	1
		Type1	2	1
		Type1	3	1
		Type1	4	1
		Type1	5	1
		Type1	6	1
		Type1	7	0
		Type1	8	1
		Type1	9	1
		Type1	10	1
		Type1	11	1
		Type1	12	1
		Type1	13	1
		Type1	14	1
		Type1	15	1
		Type1	16	1
		Type1	17	1
		Type1	18	1
		Type1	19	1
		Type1	20	1

	Type1	21	1
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	Type1	24	1
	Type1	25	1
	Type1	26	1
	Type1	27	1
	Type1	28	1
	Type1	29	1
	Type2	0	1
	Type2	1	1
	Type2	2	1
	Type2	3	1
	Type2	4	1
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	Type2	20	1
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	Type3	16	1

	Type3	17	1
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	Type3	20	1
	Type3	21	0
	Type3	22	1
	Type3	23	1
	Type3	24	1
	Type3	25	1
	Type3	26	1
	Type3	27	1
	Type3	28	1
	Type3	29	1
	Type4	0	1
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	Type4	2	1
	Type4	3	1
	Type4	4	1
	Type4	5	1
	Type4	6	1
	Type4	7	1
	Type4	8	0
	Type4	9	1
	Type4	10	1
	Type4	11	1
	Type4	12	1
	Type4	13	1
	Type4	14	1
	Type4	15	1
	Type4	16	1
	Type4	17	1
	Type4	18	1
	Type4	19	1
	Type4	20	1
	Type4	21	1
	Type4	22	1
	Type4	23	1
	Type4	24	1
	Type4	25	1
	Type4	26	1
	Type4	27	1
	Type4	28	1
	Type4	29	1

Note: The detailed parameters of the radar signal can be found in the local corresponding table file(in the software local folder DFS_Wave List).

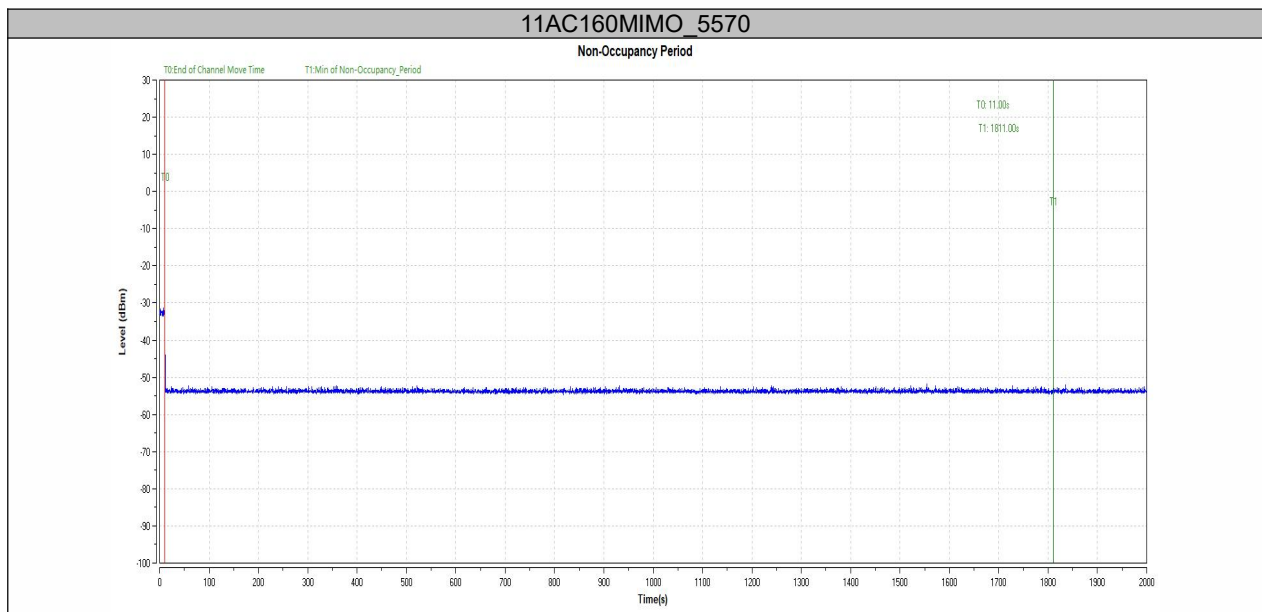
7.3 NON- OCCUPANCY PERIOD

Temperature : 25°C
Humidity : 60 %

ATM Pressure:: 1011 mbar
Test Engineer: XXH

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11AC160MIMO	5570	see test graph	≥1800	PASS



7.4 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The UUT using the bands 5250 to 5350MHz and 5470 to 5600 MHz channels so that the probability of electing a given channel shall be the same for channels. The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.



7.5U-NII DETECTION BANDWIDTH

Temperature : 25℃
Humidity : 60 %

ATM Pressure:: 1011 mbar
Test Engineer: XXH

TestMode	Frequency [MHz]	FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	OCB [MHz]	Ratio [%]	Limit [%]	Verdict
11A	5260	5250	5270	20	16.929	118.14	≥100	PASS
	5500	5490	5510	20	17.183	116.39	≥100	PASS
11N40MIMO	5270	5249	5291	42	36.128	116.25	≥100	PASS
	5510	5489	5531	42	36.413	115.34	≥100	PASS
11AC80MIMO	5290	5249	5331	82	75.092	109.20	≥100	PASS
11AC160MIMO	5570	5490	5650	160	155.228	103.07	≥100	PASS

Test Mode	Frequency[M Hz]	Rad ar Freq	Tri al 1	Tri al 2	Tri al 3	Tri al 4	Tri al 5	Tri al 6	Tri al 7	Tri al 8	Tri al 9	Tri al 10	Rati o (%)
11A	5260	5249	1	1	1	0	1	1	1	0	1	1	80
		5250	1	1	0	1	1	1	1	1	1	1	90
		5255	1	1	1	1	1	1	1	0	1	1	90
		5260	1	1	1	1	1	1	1	1	1	1	100
		5265	1	1	1	1	1	1	1	1	1	1	100
		5270	1	1	1	1	1	1	1	1	0	1	90
		5271	1	1	0	1	1	1	0	1	1	1	80
	5500	5489	1	1	1	1	1	1	1	0	1	0	80
		5490	1	1	1	1	0	1	1	1	1	1	90
		5495	1	1	1	1	1	1	1	1	1	1	100
		5500	1	1	1	1	1	1	1	1	1	1	100
		5505	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	0	1	1	1	1	90
		5511	1	1	1	1	1	0	1	0	1	1	80
11N40MIMO	5270	5248	1	0	1	1	1	1	0	1	1	1	80
		5249	1	1	1	1	1	0	1	1	1	1	90
		5250	1	1	1	1	1	1	1	0	1	1	90
		5255	1	1	1	0	1	1	1	1	1	1	90
		5260	1	1	1	1	1	1	1	1	1	1	100
		5265	1	1	1	1	1	1	1	1	1	1	100
		5270	1	1	1	1	1	1	1	1	1	1	100
		5275	1	1	1	1	1	1	1	1	1	1	100
		5280	1	1	1	1	1	1	1	1	1	1	100
		5285	1	1	1	1	1	1	1	0	1	1	90
		5290	1	0	1	1	1	1	1	1	1	1	90
		5291	1	1	0	1	1	1	1	1	1	1	90
		5292	1	1	0	1	1	0	1	1	1	1	80
	5510	5488	1	0	1	1	1	1	1	0	1	1	80
		5489	1	1	1	1	1	1	1	0	1	1	90
		5490	1	1	0	1	1	1	1	1	1	1	90
		5495	1	1	1	1	1	1	0	1	1	1	90
		5500	1	1	1	1	1	1	1	1	1	1	100
		5505	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	1	1	1	1	1	100

		5515	1	1	1	1	1	1	1	1	1	1	100
		5520	1	1	1	1	1	1	1	1	1	1	100
		5525	1	1	1	1	1	0	1	1	1	1	90
		5530	1	1	1	0	1	1	1	1	1	1	90
		5531	1	1	1	1	1	1	0	1	1	1	90
		5532	1	1	1	1	0	1	1	1	0	1	80
11AC80MIM O	5290	5248	1	1	1	0	1	1	1	0	1	1	80
		5249	1	1	1	1	1	0	1	1	1	1	90
		5250	1	1	1	1	1	1	0	1	1	1	90
		5255	1	1	0	1	1	1	1	1	1	1	90
		5260	1	1	1	1	1	1	1	1	1	1	100
		5265	1	1	1	1	1	1	1	1	1	1	100
		5270	1	1	1	1	1	1	1	1	1	1	100
		5275	1	1	1	1	1	1	1	1	1	1	100
		5280	1	1	1	1	1	1	1	1	1	1	100
		5285	1	1	1	1	1	1	1	1	1	1	100
		5290	1	1	1	1	1	1	1	1	1	1	100
		5295	1	1	1	1	1	1	1	1	1	1	100
		5300	1	1	1	1	1	1	1	1	1	1	100
		5305	1	1	1	1	1	1	1	1	1	1	100
		5310	1	1	1	1	1	1	1	1	1	1	100
		5315	1	1	1	1	1	1	1	1	1	1	100
		5320	1	1	1	1	0	1	1	1	1	1	90
		5325	1	1	1	1	1	1	0	1	1	1	90
		5330	1	1	1	1	1	1	1	0	1	1	90
		5331	1	1	1	0	1	1	1	1	1	1	90
		5332	1	1	1	1	0	1	1	0	1	1	80
11AC160MI MO	5570	5489	1	1	0	0	1	0	1	1	1	1	70
		5490	1	1	1	1	1	1	1	1	1	1	100
		5491	1	1	1	1	1	1	1	1	1	1	100
		5492	1	1	1	1	1	1	1	1	1	1	100
		5493	1	1	1	1	1	1	1	1	1	1	100
		5494	1	1	1	1	1	1	1	1	1	1	100
		5495	1	1	1	0	1	1	1	1	1	1	90
		5500	1	1	1	1	1	1	1	1	1	0	90
		5505	1	1	1	1	1	1	1	1	1	1	100
		5510	1	1	1	1	1	1	1	1	1	1	100
		5515	1	1	1	1	1	1	1	1	1	1	100
		5520	1	1	1	1	1	1	1	1	1	1	100
		5525	1	1	1	1	1	1	1	1	1	1	100
		5530	1	1	1	1	1	1	1	1	1	1	100
		5535	1	1	1	1	1	1	1	1	1	1	100
		5540	1	1	1	1	1	1	1	1	1	1	100
		5545	1	1	1	1	1	1	1	1	1	1	100
		5550	1	1	1	1	1	1	1	1	1	1	100
		5555	1	1	1	1	1	1	1	1	1	1	100
		5560	1	1	1	1	1	1	1	1	1	1	100
		5565	1	1	1	1	1	1	1	1	1	1	100
		5570	1	1	1	1	1	1	1	1	1	1	100
		5575	1	1	1	1	1	1	1	1	1	1	100
		5580	1	1	1	1	1	1	1	1	1	1	100
		5585	1	1	1	1	1	1	1	1	1	1	100
		5590	1	1	1	1	1	1	1	1	1	1	100
		5595	1	1	1	1	1	1	1	1	1	1	100
		5600	1	1	1	1	1	1	1	1	1	1	100
		5605	1	1	1	1	1	1	1	1	1	1	100

		5610	1	1	1	1	1	1	1	1	1	1	100
		5615	1	1	1	1	1	1	1	1	1	1	100
		5620	1	1	1	1	1	1	1	1	1	1	100
		5625	1	1	1	1	1	1	1	1	1	1	100
		5630	1	1	1	1	1	1	1	1	1	1	100
		5635	1	1	1	1	1	1	1	1	1	1	100
		5640	1	1	1	1	1	0	1	1	1	1	90
		5645	1	1	1	1	0	1	1	1	1	1	90
		5650	1	1	1	0	1	1	1	1	1	1	90
		5651	1	1	0	1	1	1	0	1	1	1	80

--- End of Report ---

